



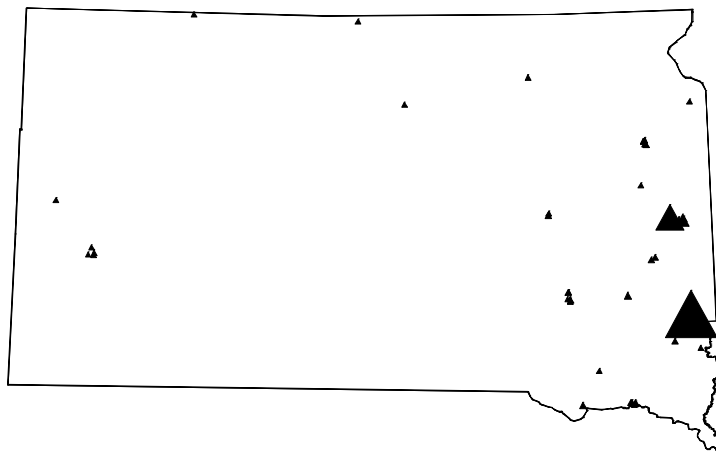
1997 TOXICS RELEASE INVENTORY

SOUTH DAKOTA

State/TRI Data

Population	737,755
Square Miles	75,896
Total Facilities	69
Total Forms	151
Form As	22

National Rank for Total On- and Off-site Releases <i>(includes transfers out-of-state for disposal)</i>	
Rank	45
Pounds	4,216,583
National Rank for Total On-site Releases <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	45
Pounds	4,094,744
National Rank for Total Releases within State <i>(excludes transfers out-of-state for disposal)</i>	
Rank	45
Pounds	4,215,325
National Rank for Production-related Waste Managed	
Rank	41
Pounds	71,988,223



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of South Dakota. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	4,094,744
Air Emissions	2,292,307
Surface Water Discharges	1,800,093
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	2,344
Off-site Releases (Transfers Off-site to Disposal)	121,839
Total On- and Off-site Releases	4,216,583
Recycled On-site	59,132,065
Recycled Off-site	814,772
Energy Recovery On-site	1,159,000
Energy Recovery Off-site	247,666
Treated On-site	2,689,981
Treated Off-site	3,801,806
Quantity Released On- and Off-site <i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	4,142,933
Total Production-related Waste Managed	71,988,223
Total Non-production-related Waste Managed	6,251

Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
	Nitrate compounds	0	1,800,000	0	0	0	0	0	22	0	1,800,022
110-54-3	n-Hexane	966,932	0	0	0	0	0	0	0	0	966,932
1330-20-7	Xylene (mixed isomers)	604,804	0	0	0	0	2,088	0	10	0	606,902
108-88-3	Toluene	155,429	0	0	0	0	3	0	0	0	155,432
7664-41-7	Ammonia	110,510	88	0	0	0	0	0	57	0	110,655

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1997 TOXICS RELEASE INVENTORY

SOUTH DAKOTA

Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
John Morrell & Co., Sioux Falls, Minnehaha	104,005	1,800,088	0	0	0	0	1,904,093	79	0
South Dakota Soybean, Volga, Brookings	935,682	0	0	0	0	0	935,682	0	0
3M Health Care, Brookings, Brookings	308,500	0	0	0	0	0	308,500	0	0
Starmark Inc., Sioux Falls, Minnehaha	138,210	0	0	0	0	0	138,210	0	0
Alumax Extrusions Inc., Yankton, Yankton	80,200	0	0	0	0	0	80,200	0	0

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
John Morrell & Co., Sioux Falls, Minnehaha	0	0	0	0	232,185	8,900	1,900,004	2,141,089	3,706
South Dakota Soybean, Volga, Brookings	0	0	0	0	0	0	935,682	935,682	0
3M Health Care, Brookings, Brookings	0	2,743	1,159,000	52,800	389,000	109,400	306,900	2,019,843	0
Starmark Inc., Sioux Falls, Minnehaha	0	0	0	19,140	0	0	136,169	155,309	0
Alumax Extrusions Inc., Yankton, Yankton	0	0	0	123,595	358,500	0	78,700	560,795	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

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